

PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets for the narrative.

Checklist Preparer: Tony Wasilewski 7/30/2012
 (Name/Title) (Date)
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 (Address) (Phone)
tony.wasilewski@illinois.gov
 (E-Mail Address)

Site Name: Apex Smelting

Previous Names (if any): Alumetco and Traken Corporation

Site Location: 2537 West Taylor Street
 (Street)
Chicago Cook IL 60612
 (City) (County) (ST) (Zip +4)
7th
 (Congressional District)

Latitude: +41.869175 **Longitude:** -87.691822

With regards to the Latitude and Longitude, please provide the following information: Accuracy in Meters +/-, Collection Method, Reference Datum, Reference Point, Source Map Scale, Point/Line/Area; Collection Date; Verification Method (see attached):

Complete the following checklist. If "yes" is marked, please explain below.

	YES	NO
1. Does the site already appear in CERCLIS?	<input type="checkbox"/>	X
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?	<input type="checkbox"/>	X
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	<input type="checkbox"/>	X
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	<input type="checkbox"/>	X
5. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)?	<input type="checkbox"/>	X
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?	<input type="checkbox"/>	X
7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?	<input type="checkbox"/>	X
8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance releases have occurred, EPA approved risk assessment completed)?	<input type="checkbox"/>	X
9. Is there documentation indicating that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?	<input type="checkbox"/>	X

10. Is there an apparent release at the site with no documentation of exposed targets, but there are targets on-site or immediately adjacent to the site or nearby (within 1 mile)?	<input type="checkbox"/>	X
11. Are there no releases or potential to release?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Please explain all "yes" answer(s), attach additional sheets or refer to narrative:

Site Determination: ☒ Enter the site into CERCLIS. Further assessment is recommended (explain below).

☐ The site is not recommended for placement into CERCLIS (explain below).

DECISION/DISCUSSION/RATIONALE:

The property is surrounded by industrial properties but residences are within 500 feet. According to U.S. EPA Envirofacts, the site operated as a secondary smelter (Alumetco: ILD072351349) and had an an minor air permit. Due to past operations conducted on the property and adjacent properties, it is recommended that the site enter CERCLIS.

EPA Regional Review and Site Assessment Decision

Check the box(es) that apply:

- ☐ Not a Valid Site or Incident
☒ Incident for Further Action Under CERCLA

Recommended Further Action:

- ☐ APA
☒ Full PA
☐ Combined PA/SI
☐ SI

Defer/Refer to:

- ☐ Removal Program
☐ State/Tribal Program
☐ RCRA
☐ Brownfields
☐ Other: _____

Regional EPA Reviewer:

Erica Aultz Erica Aultz
Print Name/Signature

2/7/13
Date

State Agency/Tribe:

Tony Wasilewski Tony Wasilewski
Print Name/Signature

2-7-13
Date

PRE-CERCLIS SCREENING ASSESSMENT

For:

**Apex Smelting
Chicago, Illinois**

**PREPARED BY:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF LAND
DIVISION OF REMEDIATION MANAGEMENT
OFFICE OF SITE EVALUATION**

August 9, 2012

1.0 INTRODUCTION

On February 22, 2012 the Illinois Environmental Protection Agency (Illinois EPA) received funding from the Region 5 Offices of the United States Environmental Protection Agency (U.S. EPA) to conduct a Pre-CERCLIS Screening Assessment at the Apex Smelting in Chicago, Illinois. The Pre-CERCLIS Screening Assessment activities typically include a review of available information, a visual site reconnaissance, a determination of current land use, and identify the risk for human exposure to potential contaminants on the subject property and adjacent land.

A Pre-CERCLIS Screening Assessment is a review of information on potential Superfund sites to determine if the site should be entered into EPA's Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). During the assessment, information will be collected in order to complete the Pre-CERCLIS Screening Assessment Checklist Form (found as an attachment to the Pre-CERCLIS Screening Report). If there is sufficient information that suggests the site may be impacting human health and the environment, the site will be placed in CERCLIS and will progress through the Superfund investigative process. The Pre-CERCLIS Screening Assessment is performed under the authority of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) commonly known as Superfund.

Apex Smelting is being investigated due to being adjacent to a former lead property that was addressed in 2005 and for being listed in the 1940 Metals Directory and the 1963-1964 Metals Directory as an aluminum smelter and scrap metal dealer. The probability for lead contamination exists due to past operations and adjacent operations

that took place on the property and adjacent properties. Apex Smelting consists of two parcels of property which are separated by a rail line (see map). The west property is bordered by Taylor Avenue to the north, the rail line to the east and south, a cell phone tower (formerly Cookie Miller Yoelin lead site) to the west and Taylor Avenue is to the north. The east property is bordered by a rail line to the west, Taylor Avenue to the north, West Fillmore Street to the south and a building to the east.

According to Sanborn Maps Apex Smelting was involved in zinc, aluminum and magnesium smelting. It is not known for sure if Apex Smelting conducted lead smelting. At this point, the pathway of concern would be the soil exposure pathway due to the fact that residences are within $\frac{1}{4}$ mile of the property. The property is composed of open land with no buildings on either parcel of property. According to aerial photos the buildings on site were demolished between 2005 and 2007. The ground water pathway is not thought to be of concern at this time due to the City of Chicago obtaining drinking water from Lake Michigan. The surface water pathway is also not thought to be of concern at this time since the nearest water body is approximately $\frac{1}{2}$ mile from the site to the south west. The property is flat and had no visible drainage path way toward the nearest water body. The air pathway is not thought to be of concern at this point.

Figure 1
Site Location Map

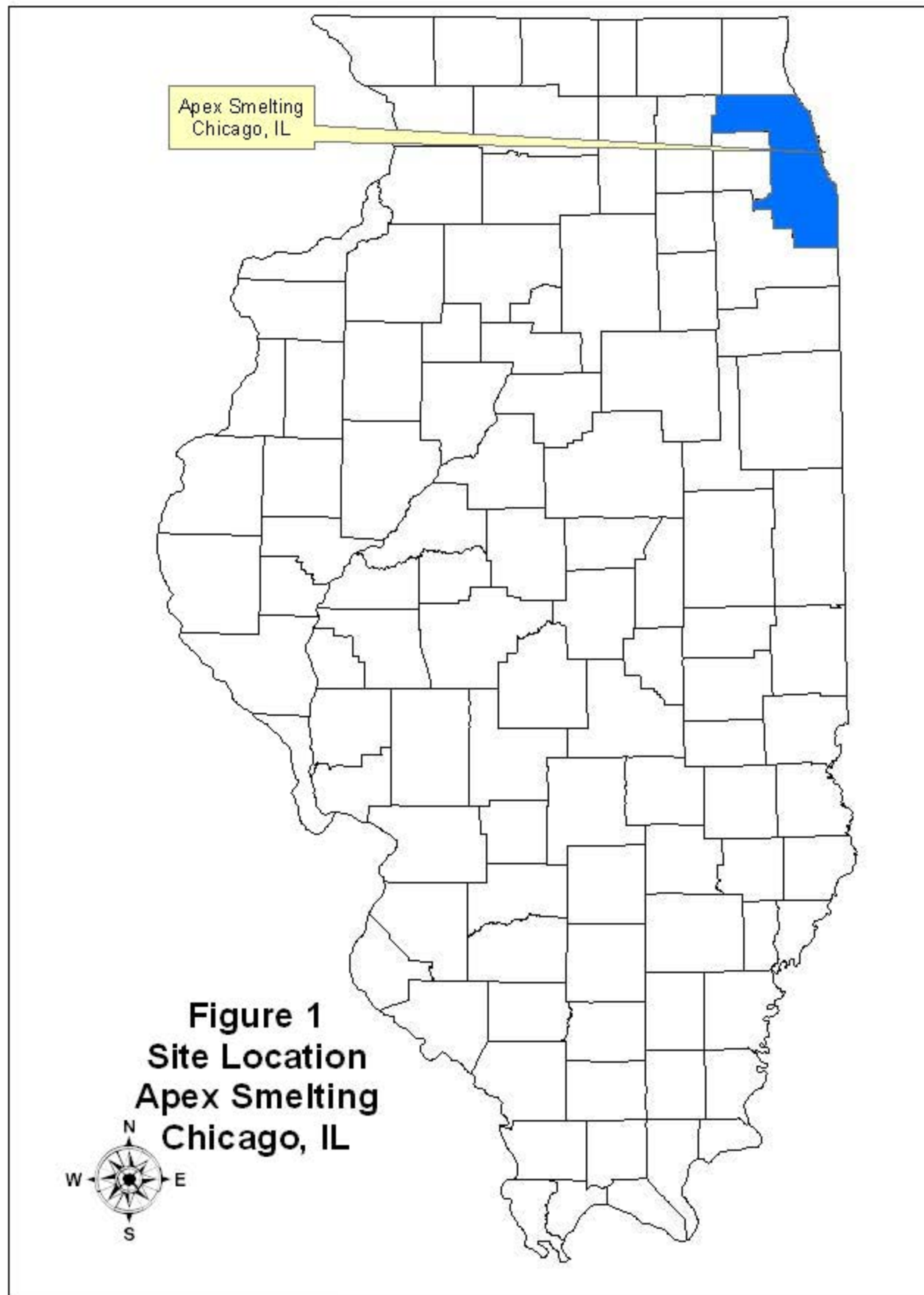


Figure 2
Apex Smelting
Chicago, IL





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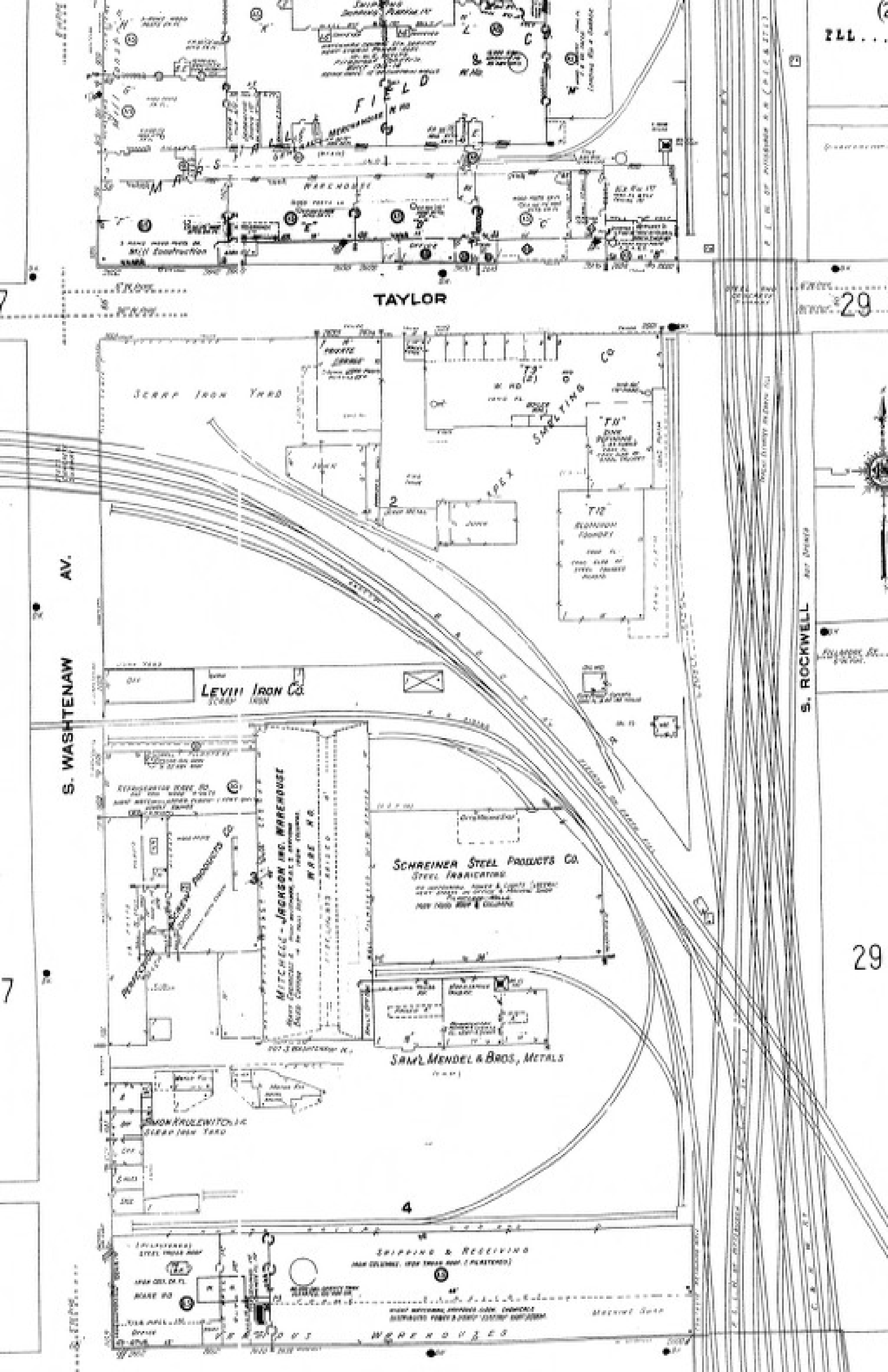
[illegible]

S. CAMPBELL, AV.

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TAYLOR

AV.

S. WASHTENAW

S. ROCKWELL

SCHREINER STEEL PRODUCTS CO.
STEEL FABRICATING

SAM'L MENDEL & BROS., METALS

LEVIN Iron Co.
SCRAP IRON

MITCHELL - JACKSON IRON WAREHOUSE

SCRAP IRON YARD

SHIPPING & RECEIVING

WAREHOUSES